

1 What is claimed is:

- 2 1. Computer peripheral comprising:
3 at least one element supported for motion;
4 an electromechanical mechanism for moving the moveable element; and
5 circuitry for providing a shaped input to the electromechanical mechanism to move the
6 movable element along a desired trajectory.
- 7
- 8 2. The peripheral of claim 1 in which the desired trajectory results in maximum speed.
- 9
- 10 3. The peripheral of claim 1 wherein the desired trajectory results in quiet operation.
- 11
- 12 4. The peripheral of claim 1 wherein the desired trajectory results in vibration-reduced
13 operation.
- 14
- 15 5. The peripheral of claim 1 wherein the desired trajectory reduces unwanted frequencies.
- 16
- 17 6. The peripheral of claim 1 further including a sensor responsive to the dynamic response of
18 the peripheral.
- 19
- 20 7. The peripheral of claim 6 wherein the sensor is an accelerometer.
- 21
- 22 8. The peripheral of claim 6 wherein the sensory is a microphone.
- 23
- 24 9. The peripheral of claim 6 wherein an output from the sensor is used by the circuitry to
25 provide the shaped input.
- 26
- 27 10. The peripheral of claim 1 wherein the peripheral is a printer.
- 28
- 29 11. The peripheral of claim 1 wherein the peripheral is a scanner.
- 30
- 31 12. Computer peripheral comprising:
32 at least one element supported for motion;
33 an electromechanical mechanism for moving the moveable element;
34 circuitry for providing a shaped input to the electromechanical mechanism to move the
35 movable element along a trajectory; and
36 a user interface allowing the user to select a desired trajectory.
- 37
- 38 13. the computer peripheral of claim 1 wherein the trajectory is quick, quiet, or in between.
- 39
- 40 14. The peripheral of claim 1 wherein the trajectory suppresses unwanted frequencies.
- 41
- 42 15. The peripheral of claim 1 wherein the desired trajectory is determined using Input
43 Shaping®.

- 1
2 16. The peripheral of claim 1 further including a sensor responsive to the dynamic response of
3 the peripheral.
4
5 17. The peripheral of claim 12 wherein the peripheral is a printer.
6
7 18. The peripheral of claim 12 wherein the peripheral is a scanner.
8
9 19. The peripheral of claim 17 wherein the moveable element is a print head.
10
11 20. The peripheral of claim 17 wherein the moveable element is a paper feeding mechanism.
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